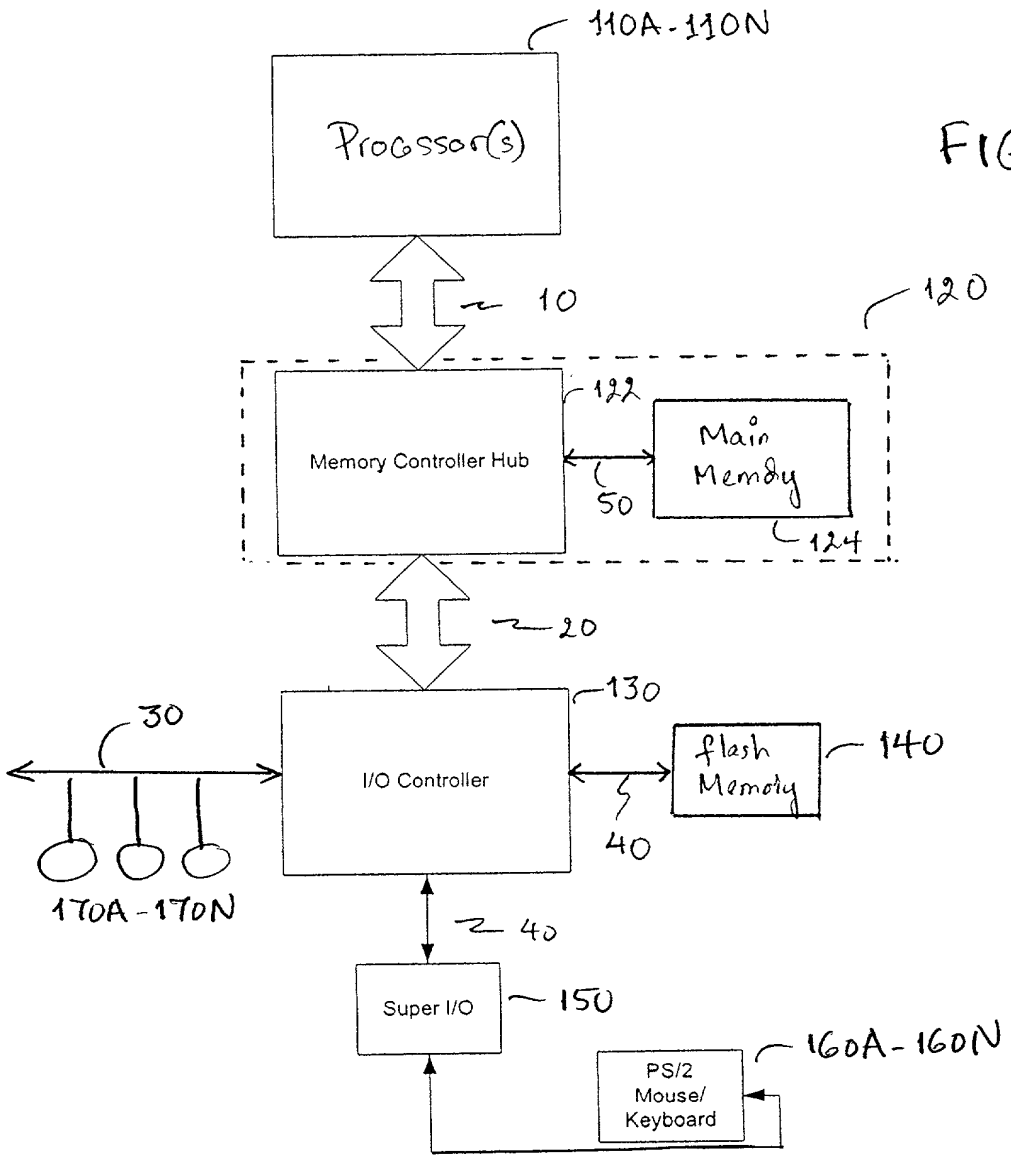

110A-110N
Processor(s)
10
120
Memory Controller Hub
122
Main Memory
50
124
20
130
30
I/O Controller
flash Memory
140
40
170A-170N
40
Super I/O
150
160A-160N
PS/2 Mouse/ Keyboard

FIG. 1

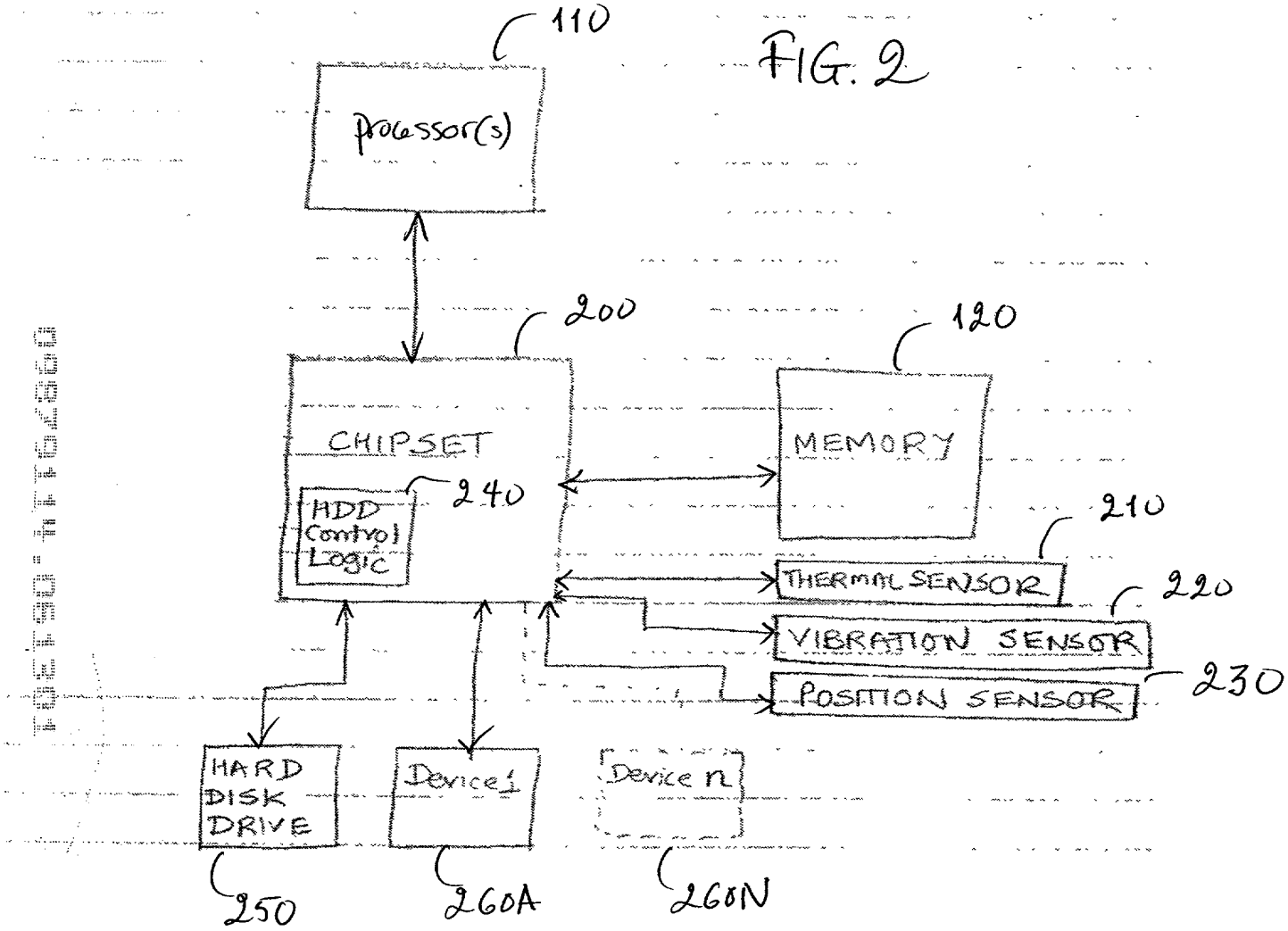
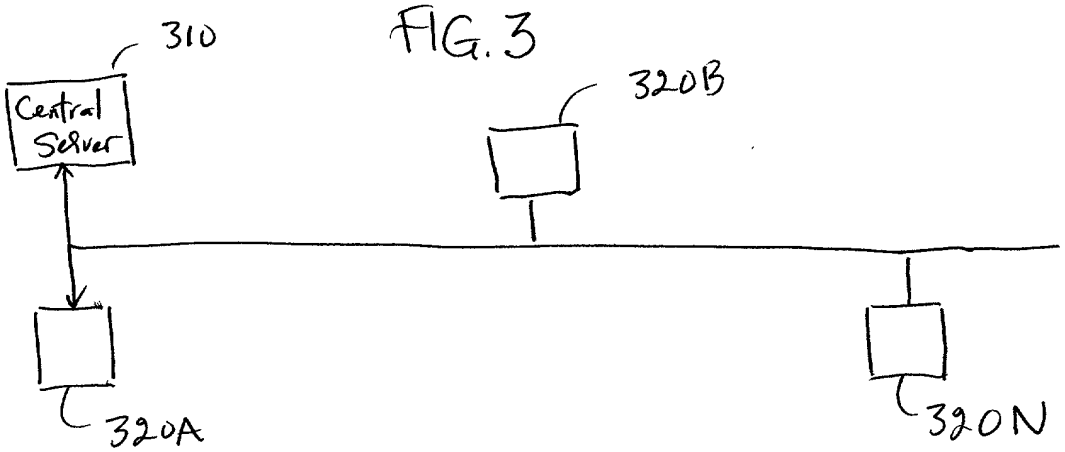

110
Processor(s)
200
CHIPSET
240
HDD Control Logic
120
MEMORY
210
THERMAL SENSOR
220
VIBRATION SENSOR
230
POSITION SENSOR
HARD DISK DRIVE
250
Device 1
260A
Device n
260N

FIG. 2

FIG. 3


310
Central Server
320B
320A
320N


100
230

FIG. 4

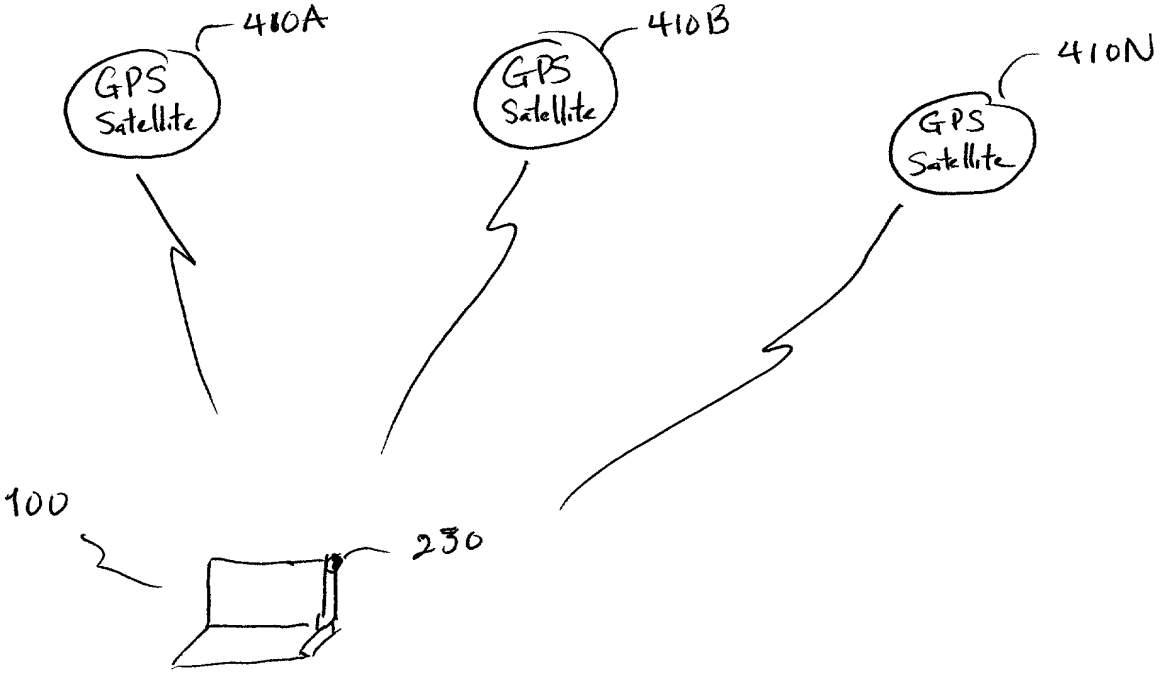

410A
GPS Satellite
410B
GPS Satellite
410N
GPS Satellite
100
230

FIG. 5

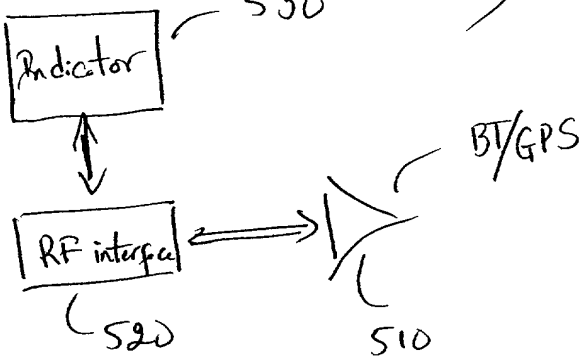



FIG. 6

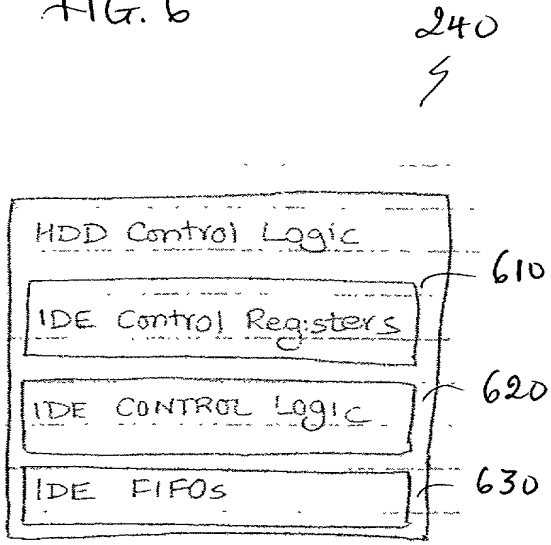



FIG. 7

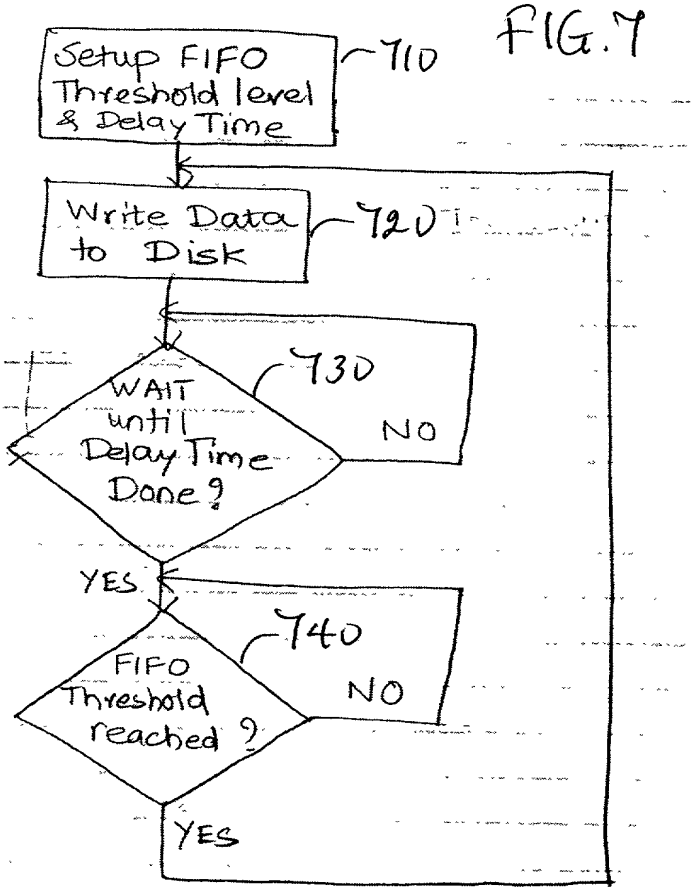
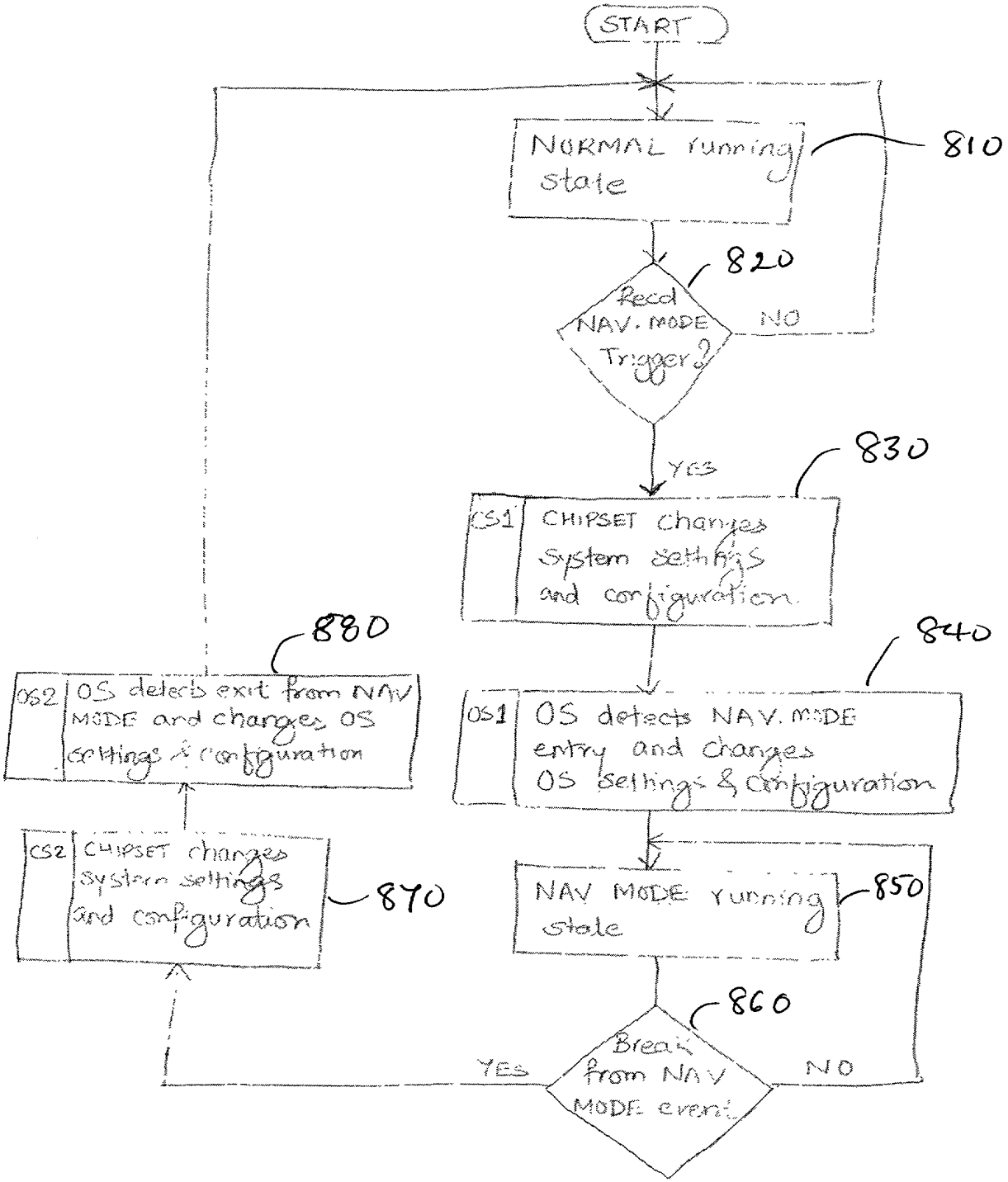


FIG. 8


START
NORMAL running state
810
820
Recd NAV. MODE Trigger?
NO
YES
830
CS1
CHIPSET changes system settings and configuration
840
OS1
OS detects NAV. MODE entry and changes OS settings & configuration
NAV MODE running state
850
860
Break from NAV MODE event?
YES
NO
870
CS2
CHIPSET changes system settings and configuration
880
OS2
OS detects exit from NAV MODE and changes OS settings & configuration